

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554

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APR 15 2002

In the Matter of

Filing and Review of
Bell Operating Company
Open Network Architecture Plans

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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

CC Docket No. 88-2
Phase I

**SOUTHWESTERN BELL TELEPHONE, L.P.'S, PACIFIC BELL TELEPHONE COMPANY'S,
NEVADA BELL TELEPHONE COMPANY'S, AND THE AMERITECH OPERATING COMPANIES'
ANNUAL OPEN NETWORK ARCHITECTURE REPORT**

Southwestern Bell Telephone, L.P. (SWBT), Pacific Bell Telephone Company (Pacific Bell), Nevada Bell Telephone Company (Nevada Bell) and the Ameritech operating companies (Ameritech)¹ — collectively “the reporting entities” — by their attorneys, respectfully file this annual report regarding their Open Network Architecture (ONA) Plan, as required by the Commission’s Second BOC ONA Amendment Order² and its Memorandum Opinion and Order of March 29, 1993.³

I. BACKGROUND AND INFORMATION

In the *BOC ONA Further Amendment Order*, the Commission established certain annual reporting requirements, and, in the *MO&O*, it added one annual reporting requirement. All of those requirements are addressed here.

¹ The Ameritech operating companies include Illinois Bell Telephone Company, Indiana Bell Telephone Company, Michigan Bell Telephone Company, The Ohio Bell Telephone Company, and Wisconsin Bell, Inc.

² *In the Matter of Filing and Review of Open Network Architecture Plans, Memorandum Opinion and Order*, CC Docket No. 88-2, Phase I, 6 FCC Rcd 7646 (1991) (*BOC ONA Further Amendment Order*).

³ *In the Matter of Filing and Review of Open Network Architecture Plans, Memorandum Opinion and Order*, CC Docket 88-2, Phase I, 8 FCC Rcd 2606, ¶ 10 (1993) (*MO&O*).

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II. ANNUAL REPORT

A. ANNUAL PROJECTED DEPLOYMENT SCHEDULES FOR ONA SERVICES

Attached, as Exhibit A, is the three-year estimated deployment information for SWBT's, Pacific Bell's, Nevada Bell's, and Ameritech's ONA network capabilities as of December 31, 2002, 2003, and 2004. This information represents SBC Communications Inc.'s (SBC) future plans, some of which have not yet been officially funded. Even if funding becomes available, exact deployment time frames are still not guaranteed, and thus, the projected service may not actually become available in the reported period. These plans are subject to review and change as demand, finances, equipment availability, regulatory mandates, legal requirements, and other conditions change the plans for network evolution. Such factors may cause certain offerings — now deemed to meet the Commission's four criteria for "key" ONA services — to no longer meet those criteria.

B. NEW ONA SERVICE REQUESTS FROM ENHANCED SERVICE PROVIDERS (ESPs)

In the *BOC ONA Further Amendment Order*, the Commission requires the reporting entities to report on new ONA service requests from enhanced service providers (ESPs) and the disposition of such requests.⁴ Five types of dispositions are possible:

- Category 1 – *Developed*. The requested service has been developed and is available (or will be upon tariff approval).
- Category 2 – *Under development*. The requested service is under development and will generally be available within a year.
- Category 3 – *Further evaluation planned*. The requested service is not currently available, but certain conditions may develop that could possibly change its status. The request will be re-evaluated within a time frame specified in the request response.
- Category 4 – *Pending evaluation*. The request is currently being evaluated within the 120-day request cycle.
- Category 5 – *No Further activity planned*. The request cannot be met for the reason specified in the response, or the requesting party chooses no further activity after receiving the response.

⁴ *BOC ONA Further Amendment Order*, ¶ 18.

Since their last ONA annual filing on April 15, 2001, the reporting entities' have not received any ESP Requests for new ONA capabilities; however, to satisfy a prior new ONA service request, Pacific Bell developed Network Simplified Message Desk Interface (Network SMDI) on an individual case basis. Pacific Bell anticipates offering Network SDMI as a tariffed service. SWBT anticipates making a similar service available upon tariff approval in 2002.⁵

C. ONA SERVICE REQUESTS PREVIOUSLY DEEMED TECHNICALLY INFEASIBLE

Attached, as Exhibit B, is a list of ONA services sought by the ESP market at the commencement of the ONA proceedings.⁶ Some of these original requests are now technically feasible, but are not being offered or developed because they do not meet one or more of the Commission's three other criteria (market demand, cost feasibility, or utility to ESPs).⁷ Further, the other services could potentially be developed with the emergence of future technologies.

D. SS7, ISDN, AND IN PROJECTED DEPLOYMENT

Attached as Exhibit C is SWBT's, Pacific Bell's, Nevada Bell's and Ameritech's Projected Deployment of Signaling System 7 (SS7), Integrated Services Digital Network (ISDN), and Intelligent Networks (IN). These deployment projections reflect the percentage of access lines in exchanges where SS7, ISDN, and IN capability is projected. The same qualifications explained above also apply to these projections.

E. NEW ONA SERVICES AVAILABLE THROUGH SS7, ISDN, AND AIN

While the reporting parties continue to introduce and trial new SS7, ISDN, and AIN technologies, these new services are not offered as ONA services as defined by the FCC. Instead,

⁵ This proposed service was the subject of a prior ONA request, which had been denied.

⁶ Nomenclature used in this Exhibit is the same as that used in Appendix A & B, which are Pacific Bell's, Nevada Bell's and SWBT's ONA Report, March 31, 2000 and Ameritech's ONA Report, March 31, 2000.

⁷ As explained in SWBT's May 19, 1989 Second ONA Plan Amendment, (pp. 8-9), SWBT intends to evaluate new network capability requests via a Business Opportunity Analysis (BOA).

these services are being offered in response to market demand within the SBC region. Consequently, there were no new ONA services introduced as a result of an ESP request in 2001.

F. PROGRESS ON NETWORK INTERCONNECTION/ARCHITECTURE COMMITTEE (NIAC) EFFORTS ON CONTINUING ACTIVITIES FOR THE IMPLEMENTATION OF SERVICE SPECIFIC AND LONG-TERM UNIFORMITY ISSUES

The Network Inter-Operability Council (NIOC), a subcommittee of the Network Interconnection Interoperability Forum (NIIF), has closed all previous ESP issues.

G. PROGRESS IN PROVIDING BILLING INFORMATION

1. BILLING NAME AND ADDRESS (BNA)

In accordance with the Commission's decision in CC Docket 91-115, *Second Order on Reconsideration*,⁸ federal tariffs for BNA were filed and became effective April 9, 1994 for SWBT. A copy of SWBT's Transmittal No. 2334 was provided in its April 15, 1994, ONA Plan Amendment.

Ameritech offers a "Subscription Billing Service," which allows a customer to put charges on a separate page of their telephone bill. This billing product is offered on a region-wide basis. Subscription Billing Service provides billing information to the customer — as well as the creation, rendering, and collection of a bill as part of the service. To complement these functions, Subscription Billing Service offers administrative and bill collection date reports to the ESP. Currently, Ameritech provides the option of electronic filing transfer, using Network Data Mover (NDM) Software, to receive detailed billing information from ESPs. This provides Ameritech with the details required for billing the ESPs' services to their subscribers on the ESPs' page in the Ameritech bill. In addition to the receipt of billing details from the ESPs, Ameritech sends five reports to the ESP providing billing error and status information.

⁸ *In the Matter of Policies and Rules Concerning Local Exchange Carrier Validation and Billing Information for Joint Use Calling Cards, Petitions for Waiver of Rules Adopted in BNA Order, Second Order on Reconsideration*, CC Docket No. 91-115, 8 FCC Rcd 8798 (1993).

Ameritech offers BNA service on an intrastate basis in Indiana, Michigan, Ohio, and Wisconsin in accordance with state tariffs, which reference FCC 2. In Illinois, BNA is provided in accordance with Illinois Tariff 21, Section 13.3.8.

Pacific Bell provides billing and collection service on an intrastate basis in accordance with Schedule Cal. P.U.C. 175-T, Section 8.4.3 to certified interexchange carriers (IXCs) and on an interstate basis under contract.⁹ As noted in earlier filings, Rule 35 of the California state commission (CPUC) A.2 tariff and the CPUC tariff 175-T prohibit Pacific Bell from providing BNA service to ESPs. Pacific Bell has anticipated action on the part of the CPUC to revise these rules for the past several years, but to date the investigation into this matter remains open.¹⁰

Since 1994, as a result of the Commission's order in Docket 91-115, the reporting entities have made BNA available through federal tariffs to ESPs and others on an interstate basis.¹¹ At Pacific Bell, BNA is available through FCC 1. Nevada Bell has tariffed BNA in Nevada's FCC Tariff No. 1, Section 6. Billing name and address service is provided when the customer needs the information to bill a call and the originating number is provided via a magnetic tape that contains the originating numbers. BNA is available in the Nevada intrastate tariff PSCN C8.

As noted in previous amendments, Pacific Bell offers billing services to ESPs. This billing service is the same as Pacific Bell provides to its enhanced services operation. Nevada Bell has been included in the development of Pacific Bell's billing services for ESPs and currently offers third-party billing services.

⁹ While billing and collection services are detariffed in the interstate jurisdiction, Pacific Bell complies with the rules and regulations set forth in CPUC 175-T in providing billing and collection on an interstate basis.

¹⁰ *Rulemaking on the Commission's Own Motion to Govern Open Access to Bottleneck Services and Establish a Framework for Network Architecture Development for Dominant Carrier Network, Order Instituting Rulemaking and Order Instituting Investigation*, R-93-04-003 (April 7, 1993).

¹¹ *Policies and Rules Concerning Local Exchange Carrier Validation and Billing Information for Joint Use Calling Cards*, CC Docket No. 91-115, Second Report and Order, 8 FCC Rcd 4478 (1993).

2. LINE-SIDE CALLING NUMBER IDENTIFICATION (CNI)

SWBT currently offers Caller ID in Oklahoma, Kansas, Arkansas, Missouri, and Texas. Caller ID is offered with free “Per-call Blocking” capability in all SWBT states. “Per-0 Blocking” enables a customer to temporarily block the delivery of the Calling Party Number (CPN) to the called party. Ameritech, Pacific Bell, and Nevada Bell offer comparable services in their respective regions. In addition, in certain market regions, free “Per-line Blocking” is offered to law enforcement and domestic violence agencies. Per-line blocking blocks CPN delivery from all calls made. Missouri and Kansas also extend free per-line blocking to those employees of the law enforcement or domestic violence agencies that conduct official business from home. Texas and Ohio state law require that per-line blocking be offered to customers who write to the telephone company stating that they have a “compelling” need for per-line blocking.

3. AUTOMATIC NUMBER IDENTIFICATION (ANI) AND CALL DETAIL

SWBT currently provides ANI through the trunk-side BSA approved by the Commission in SWBT’s original ONA Plan. Generally, the ESP can determine the call detail information with its own recording equipment. Ameritech offers two BSEs, Calling Billing Number Delivery and Flexible ANI, which are delivered on the Circuit Switched Trunk BSA (FG-D) and provide calling billing number. SWBT and the Ameritech currently do not provide call detail recording to ESPs; however, these reporting entities would certainly consider the provision of this service if sufficient demand existed. Ameritech does offer a service, Ameritech Call Detail Reporting Service (ACDRS), that allows ESPs to obtain call detail information (both local and toll), within 24 to 72 hours after call completion. The customer can access this data on a dial-up basis via a personal computer and modem. When ACDRS is packaged with Call Detail Reporting Software, it provides a management tool. The customer can analyze and monitor telecommunications activity, analyze calling patterns and work activity, and monitor fraud and abuse. ACDRS enhances both Centrex and long distance services products by providing call detail information.

I. Progress On The Uniform Provision Of OSS Services

The reporting entities recognize that uniform provision of OSS services is a complex issue. Many systems having the functions that ESPs may currently find useful have evolved over long periods of time and utilize different architectures, programming language, etc. For example, as a result of a 1999 ESP request, Pacific Bell designed and built an electronic ordering interface for the ESP to pass orders to the Company.

J. BSEs USED IN THE PROVISION OF SBC ENHANCED SERVICES

The *BOC ONA Further Amendment Order* requires that each BOC continue to report annually on the BSEs used in providing its own enhanced services. The reporting entities' affiliated enhanced services operations procure all underlying basic services at the same rates and on the same terms and conditions as non-affiliated ESPs.

K. UNBUNDLING RELATED TO NEW TECHNOLOGIES

As explained in SWBT's, Pacific Bell's, and Ameritech's first filing in response to this requirement in July, 1993, the reporting entities interpret this requirement to be a continuation of the Commission's interest in obtaining descriptions from BOCs of "how new technologies will be used, or could be configured, to offer [ONA] services that have been requested" and "what capabilities, whether specifically requested or not, will be available that could be useful in offering services to ESPs."¹² This interpretation of the reporting requirement is not only consistent with the Commission's long-standing ONA directives, but also with the way that the reporting entities do business. The reporting entities unbundle and provide services enabled by technologies. The reporting entities do not unbundle and provide technologies to their customers.

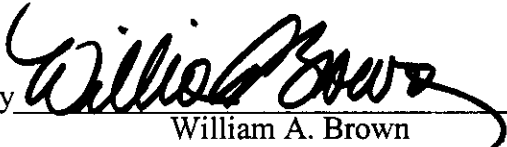
¹² *Filing and Review of Open Network Architecture Plans*, CC Docket No. 88-2 Phase I, *Memorandum Opinion and Order*, 4 FCC Rcd 1, ¶ 382 (1988).

L. CONCLUSION

The reporting entities' Annual Report complies with all Commission requirements.

Respectfully submitted,

PACIFIC BELL TELEPHONE COMPANY,
NEVADA BELL TELEPHONE COMPANY,
SOUTHWESTERN BELL TELEPHONE,
THE AMERITECH OPERATING COS.

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April 15, 2002

GENERIC/REGIONAL NAME OF ONA SERVICES	Actual %	Projected % Access Lines		
	Dec-01	Dec-02	Dec-03	Dec-04
Acc to Clr Ch Transmission, BSE, Clr Chan Cap (1.544 Mbps)	100%	100%	100%	100%
Alternate Routing, BSE, Alt Traffic Routing	100%	100%	100%	100%
Automatic Call back, CNS, Call Cue*	100%	100%	100%	100%
Automatic Callback (ISDN), CNS, Auto Callback on Busy	42%	41%	39%	37%
Automatic Protect Switching, BSE, Automatic Loop Transfer	100%	100%	100%	100%
Automatic Recall, CNS, Call Return*	100%	100%	100%	100%
Bridging, BSE, Bridging	100%	100%	100%	100%
C1 TypA - Ckt Sw Line, BSA, Cond'ing On Swtchd Lines	100%	100%	100%	100%
C1 TypA - Ckt Sw Line, BSA, Directionality	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, Answer Supv'n Trunk Side	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, DID W/fast Signaling	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, Directionality	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, Rev Chrg On LMS Clls	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, Signaling	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, Trk-side Acc W/4 wire Int	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, Trunk Side Access	100%	100%	100%	100%
C2 TypA - X.25 Pkt Sw, BSA, Error Detect'n/Correct'n	100%	100%	100%	100%
C2 TypA - X.25 Pkt Sw, BSA, Pkt Ntwk Acc of Mul DNICS	100%	100%	100%	100%
C2 TypA - X.25 Pkt Sw, BSA, Pkt X.25 Int'face Proto	100%	100%	100%	100%
C2 TypA - X.25 Pkt Sw, BSA, Stat Mux At CO	100%	100%	100%	100%
C2 TypA - X.25 Pkt Sw, BSA, Virtual Dial Tone	100%	100%	100%	100%
C2 TypB - X.75 Pkt Sw, BSA, Error Detect'n/Correct'n	100%	100%	100%	100%
C2 TypB - X.75 Pkt Sw, BSA, Pkt Ntwk Acc of Mul DNICS	100%	100%	100%	100%
C2 TypB - X.75 Pkt Sw, BSA, Pkt Sw X.75 Int'face Proto	100%	100%	100%	100%
C2 TypB - X.75 Pkt Sw, BSA, Stat Mux At CO	100%	100%	100%	100%
C2 TypB - X.75 Pkt Sw, BSA, Virtual Dial Tone	100%	100%	100%	100%
C3 TypC - Ded Voice Grd, BSA, Inband Signaling	100%	100%	100%	100%
C3 TypC - Ded Voice Grd, BSA, Term Sets & Inband Sgling	100%	100%	100%	100%
C3 TypE - Ded Video, BSA, B'db'd Lk Fr Video Trans	100%	100%	100%	100%
C3 TypF - Ded < 64kbps, BSA, DDS - Dgtl Private Lines	100%	100%	100%	100%
C3 TypF - Ded < 64kbps, BSA, Error Detect'n/Correct'n	100%	100%	100%	100%
C3 TypF - Ded < 64kbps, BSA, Transmission Rates	100%	100%	100%	100%
C3 TypH - Ded > 1.544Mbps, BSA, B'db'd Lk Fr Video Trans	100%	100%	100%	100%
Call Det Recd'g Rpts Pkt, BSA, Reports	100%	100%	100%	100%
Call Detail Recrd'g Rpts, AN, Recording Service	100%	100%	100%	100%
Call Redirection Packet, BSE, Packet Call Redirection	100%	100%	100%	100%
Call Waiting Cancel, CNS, Call Waiting Cancel	100%	100%	100%	100%
CF Mult Sim Call Intersw, CNS, Simul Call Fwding	100%	100%	100%	100%
CF Var Remote Act/Cntrol, CNS, Remte Act Cll Fwding Var	100%	100%	100%	100%
CF Variable, CNS, Call Fwding	100%	100%	100%	100%
CFBL Interswitch, CNS, Call Fwding Busy Line	100%	100%	100%	100%
CFBL Intrswitch, CNS, Call Fwding Busy Line	100%	100%	100%	100%
CFDA Interswitch, CNS, Call Fwding Don't Ans	100%	100%	100%	100%
CFDA Intrswitch, CNS, Call Fwding Don't Ans	100%	100%	100%	100%
CFDA W/Var Ring Counts, CNS, CFDA W/Var Ring Counts	100%	100%	100%	100%
Cllg DN Deliv via 900NXX, BSA, Sw Acc FG D	100%	100%	100%	100%
Cllg Bllg Num Deliv FG D, BSE, Automatic Number Ident	100%	100%	100%	100%
Cllg DN Deliv via ICLID, CNS, Caller ID	100%	100%	100%	100%
Closed User Groups Pkt, BSE, Ristricted User Group	100%	100%	100%	100%
Coin Phone PT Dlg DTMF Cap, CNS, Post Dling Cap (Public)	100%	100%	100%	100%

GENERIC/REGIONAL NAME OF ONA SERVICES	Actual %	Projected % Access Lines		
	Dec-01	Dec-02	Dec-03	Dec-04
Conditioning, BSE, Conditioning	100%	100%	100%	100%
Cust Originated Trace, CNS, Call Trace*	100%	100%	100%	100%
Data Over Voice (DOV), BSA, DovLink*	100%	100%	100%	100%
Direct Call Packet, CNS, Packet Direct Call	100%	100%	100%	100%
Dist Ring Term Screen, CNS, Personalized Ring*	100%	100%	100%	100%
Distinctive Ringing, CNS, Priority Call*	100%	100%	100%	100%
Dist'tive R'ging (ISDN), CNS, Priority Calling	42%	41%	39%	37%
Extended Superframe Cond, BSE, Extended Superframe Form	100%	100%	100%	100%
Fast Select Accept Pkt, BSE, Fast Select	100%	100%	100%	100%
Fast Select Request Pack, BSE, Fast Select	100%	100%	100%	100%
Flexible ANI, BSE, Flex ANI	100%	100%	100%	100%
Hot Line, CNS, Hot Line	100%	100%	100%	100%
Hunt Groups Packet, BSE, Packet Hunt Groups	100%	100%	100%	100%
Make Busy Key, BSE, Remote Make Busy	55%	56%	56%	57%
Make Busy Key, BSE, Remote Mk Busy - Trk Side	55%	56%	56%	57%
Menu Server, B/C, Menu Server	100%	100%	100%	100%
MLHG Access to Each Port, BSE, Nonhunting Nmbr Arrange	100%	100%	100%	100%
MLHG CO Announcements, BSE, Recorded Announcements	100%	100%	100%	100%
MLHG UCD Line Hunting, BSE, Unif Call Dist Arrange	55%	56%	56%	57%
MLHG UCD With Queing, BSE, Queing	55%	56%	56%	57%
Multiline Hunt Group, BSE, Multiline Hunt Group	100%	100%	100%	100%
Multiplexing-Digital, BSE, Multiplexing	100%	100%	100%	100%
MWI - Packet Access, BSE, Customer Alerting	100%	100%	100%	100%
MWI ATR Audible Msg Wtg, CNS, Cust Alrting Enablement	100%	100%	100%	100%
Network Reconfiguration, BSE, Network Reconfiguration	100%	100%	100%	100%
Preselect for Data Svcs, CNS, RPOA Preselection	100%	100%	100%	100%
Reverse Chg Accept Pkt, BSE, Reverse Chrg Acceptance	100%	100%	100%	100%
Route Diversity, BSE, Diversity	100%	100%	100%	100%
Secondary Ch Capability, BSE, Secondary Ch Capability	100%	100%	100%	100%
Selective Call Forward'g, CNS, Selective Call Fwding	100%	100%	100%	100%
Selective Call Rejection, CNS, Call Blocker*	100%	100%	100%	100%
Speed Calling, CNS, Speed Calling	100%	100%	100%	100%
Third Numb Bill Inhib, CNS, Billed Number Screening	100%	100%	100%	100%
Warm Line, CNS, Warm Line	45%	44%	44%	43%

GENERIC/REGIONAL NAME OF ONA SERVICES	Actual %	Projected % Access Lines			
	Dec-01	Dec-02	Dec-03	Dec-04	
Acc to Clr Ch Transmission, BSE, Clr Chan Cap (1.544 Mbps)	100%	100%	100%	100%	
Alternate Routing, BSE, Alt Traffic Routing	100%	100%	100%	100%	
Automatic Call back, CNS, Call Cue*	100%	100%	100%	100%	
Automatic Cllback (ISDN), CNS, Auto Callback on Busy	33%	21%	21%	20%	
Automatic Protect Switching, BSE, Automatic Loop Transfer	100%	100%	100%	100%	
Automatic Recall, CNS, Call Return*	100%	100%	100%	100%	
Bridging, BSE, Bridging	100%	100%	100%	100%	
C1 TypA - Ckt Sw Line, BSA, Cond'ing On Swtchd Lines	100%	100%	100%	100%	
C1 TypA - Ckt Sw Line, BSA, Directionality	100%	100%	100%	100%	
C1 TypB - Ckt Sw Trunk, BSA, Answer Supv'n Trunk Side	100%	100%	100%	100%	
C1 TypB - Ckt Sw Trunk, BSA, DID W/fast Signaling	100%	100%	100%	100%	
C1 TypB - Ckt Sw Trunk, BSA, Directionality	100%	100%	100%	100%	
C1 TypB - Ckt Sw Trunk, BSA, Rev Chrg On LMS Clls	100%	100%	100%	100%	
C1 TypB - Ckt Sw Trunk, BSA, Signaling	100%	100%	100%	100%	
C1 TypB - Ckt Sw Trunk, BSA, Trk-side Acc W/4wire Int	100%	100%	100%	100%	
C1 TypB - Ckt Sw Trunk, BSA, Trunk Side Access	100%	100%	100%	100%	
C2 TypA - X.25 Pkt Sw, BSA, Error Detect'n/Correct'n	100%	100%	100%	100%	
C2 TypA - X.25 Pkt Sw, BSA, Pkt Ntwk Acc of Mul DNICS	100%	100%	100%	100%	
C2 TypA - X.25 Pkt Sw, BSA, Pkt X.25 Int'face Proto	100%	100%	100%	100%	
C2 TypA - X.25 Pkt Sw, BSA, Stat Mux At CO	100%	100%	100%	100%	
C2 TypA - X.25 Pkt Sw, BSA, Virtual Dial Tone	100%	100%	100%	100%	
C2 TypB - X.75 Pkt Sw, BSA, Error Detect'n/Correct'n	100%	100%	100%	100%	
C2 TypB - X.75 Pkt Sw, BSA, Pkt Ntwk Acc of Mul DNICS	100%	100%	100%	100%	
C2 TypB - X.75 Pkt Sw, BSA, Pkt Sw X.75 Int'face Proto	100%	100%	100%	100%	
C2 TypB - X.75 Pkt Sw, BSA, Stat Mux At CO	100%	100%	100%	100%	
C2 TypB - X.75 Pkt Sw, BSA, Virtual Dial Tone	100%	100%	100%	100%	
C3 TypC - Ded Voice Grd, BSA, Inband Signaling	100%	100%	100%	100%	
C3 TypC - Ded Voice Grd, BSA, Term Sets & Inband Sgling	100%	100%	100%	100%	
C3 TypE - Ded Video, BSA, B'db'd Lk Fr Video Trans	100%	100%	100%	100%	
C3 TypF - Ded < 64kbps, BSA, DDS - Dgtl Private Lines	100%	100%	100%	100%	
C3 TypF - Ded < 64kbps, BSA, Error Detect'n/Correct'n	100%	100%	100%	100%	
C3 TypF - Ded < 64kbps, BSA, Transmission Rates	100%	100%	100%	100%	
C3 TypH - Ded > 1.544Mbps, BSA, B'db'd Lk Fr Video Trans	100%	100%	100%	100%	
Call Det Recd'g Rpts Pkt, BSA, Reports	100%	100%	100%	100%	
Call Detail Recrd'g Rpts, AN, Recording Service	100%	100%	100%	100%	
Call Redirection Packet, BSE, Packet Call Redirection	100%	100%	100%	100%	
Call Waiting Cancel, CNS, Call Waiting Cancel	100%	100%	100%	100%	
CF Mult Sim Call Intersw, CNS, Simul Call Fwding	100%	100%	100%	100%	
CF Var Remote Act/Cntrol, CNS, Remte Act Cll Fwding Var	100%	100%	100%	100%	
CF Variable, CNS, Call Fwding	100%	100%	100%	100%	
CFBL Interswitch, CNS, Call Fwding Busy Line	100%	100%	100%	100%	
CFBL Intrswitch, CNS, Call Fwding Busy Line	100%	100%	100%	100%	
CFDA Interswitch, CNS, Call Fwding Don't Ans	100%	100%	100%	100%	
CFDA Intrswitch, CNS, Call Fwding Don't Ans	100%	100%	100%	100%	
CFDA W/Var Ring Counts, CNS, CFDA W/Var Ring Counts	100%	100%	100%	100%	
Cllg DN Deliv via 900NXX, BSA, Sw Acc FG D	100%	100%	100%	100%	
Cllg Bllg Num Deliv FG D, BSE, Automatic Number Ident	100%	100%	100%	100%	
Cllg DN Deliv via ICLID, CNS, Caller ID	100%	100%	100%	100%	
Closed User Groups Pkt, BSE, Ristricted User Group	100%	100%	100%	100%	
Coin Phone PT Dlg DTMF Cap, CNS, Post Dling Cap (Public)	100%	100%	100%	100%	

GENERIC/REGIONAL NAME OF ONA SERVICES	Actual %	Projected % Access Lines		
	Dec-01	Dec-02	Dec-03	Dec-04
Conditioning, BSE, Conditioning	100%	100%	100%	100%
Cust Originated Trace, CNS, Call Trace*	100%	100%	100%	100%
Data Over Voice (DOV), BSA, DovLink*	100%	100%	100%	100%
Direct Call Packet, CNS, Packet Direct Call	100%	100%	100%	100%
Dist Ring Term Screen, CNS, Personalized Ring*	100%	100%	100%	100%
Distinctive Ringing, CNS, Priority Call*	100%	100%	100%	100%
Dist'tive R'ging (ISDN), CNS, Priority Calling	33%	21%	21%	20%
Extended Superframe Cond, BSE, Extended Superframe Form	100%	100%	100%	100%
Fast Select Accept Pkt, BSE, Fast Select	100%	100%	100%	100%
Fast Select Request Pack, BSE, Fast Select	100%	100%	100%	100%
Flexible ANI, BSE, Flex ANI	100%	100%	100%	100%
Hot Line, CNS, Hot Line	100%	100%	100%	100%
Hunt Groups Packet, BSE, Packet Hunt Groups	100%	100%	100%	100%
Make Busy Key, BSE, Remote Make Busy	1%	1%	1%	1%
Make Busy Key, BSE, Remote Mk Busy - Trk Side	1%	1%	1%	1%
Menu Server, B/C, Menu Server	100%	100%	100%	100%
MLHG Access to Each Port, BSE, Nonhunting Nmbr Arrange	100%	100%	100%	100%
MLHG CO Announcements, BSE, Recorded Announcements	100%	100%	100%	100%
MLHG UCD Line Hunting, BSE, Unif Call Dist Arrange	1%	1%	1%	1%
MLHG UCD With Queing, BSE, Queing	1%	1%	1%	1%
Multiline Hunt Group, BSE, Multiline Hunt Group	100%	100%	100%	100%
Multiplexing-Digital, BSE, Multiplexing	100%	100%	100%	100%
MWI - Packet Access, BSE, Customer Alerting	100%	100%	100%	100%
MWI ATR Audible Msg Wtg, CNS, Cust Alrting Enablement	100%	100%	100%	100%
Network Reconfiguration, BSE, Network Reconfiguration	100%	100%	100%	100%
Preselect for Data Svcs, CNS, RPOA Preselection	100%	100%	100%	100%
Reverse Chg Accept Pkt, BSE, Reverse Chrg Acceptance	100%	100%	100%	100%
Route Diversity, BSE, Diversity	100%	100%	100%	100%
Secondary Ch Capability, BSE, Secondary Ch Capability	100%	100%	100%	100%
Selective Call Forward'g, CNS, Selective Call Fwding	100%	100%	100%	100%
Selective Call Rejection, CNS, Call Blocker*	100%	100%	100%	100%
Speed Calling, CNS, Speed Calling	100%	100%	100%	100%
Third Numb Bill Inhib, CNS, Billed Number Screening	100%	100%	100%	100%
Warm Line, CNS, Warm Line	99%	99%	99%	99%

GENERIC/REGIONAL NAME OF ONA SERVICES	Actual %	Projected % Access Lines			
	Dec-01	Dec-02	Dec-03	Dec-04	
Acc to Clr Ch Transmission, BSE, Clr Chan Cap (1.544 Mbps)	100%	100%	100%	100%	
Alternate Routing, BSE, Alt Traffic Routing	100%	100%	100%	100%	
Automatic Call back, CNS, Call Cue*	100%	100%	100%	100%	
Automatic Cllback (ISDN), CNS, Auto Callback on Busy	37%	31%	32%	22%	
Automatic Protect Switching, BSE, Automatic Loop Transfer	100%	100%	100%	100%	
Automatic Recall, CNS, Call Return*	100%	100%	100%	100%	
Bridging, BSE, Bridging	100%	100%	100%	100%	
C1 TypA - Ckt Sw Line, BSA, Cond'ing On Swtchd Lines	100%	100%	100%	100%	
C1 TypA - Ckt Sw Line, BSA, Directionality	100%	100%	100%	100%	
C1 TypB - Ckt Sw Trunk, BSA, Answer Supv'n Trunk Side	100%	100%	100%	100%	
C1 TypB - Ckt Sw Trunk, BSA, DID W/fast Signaling	100%	100%	100%	100%	
C1 TypB - Ckt Sw Trunk, BSA, Directionality	100%	100%	100%	100%	
C1 TypB - Ckt Sw Trunk, BSA, Rev Chrg On LMS Clls	100%	100%	100%	100%	
C1 TypB - Ckt Sw Trunk, BSA, Signaling	100%	100%	100%	100%	
C1 TypB - Ckt Sw Trunk, BSA, Trk-side Acc W/4wire Int	100%	100%	100%	100%	
C1 TypB - Ckt Sw Trunk, BSA, Trunk Side Access	100%	100%	100%	100%	
C2 TypA - X.25 Pkt Sw, BSA, Error Detect'n/Correct'n	100%	100%	100%	100%	
C2 TypA - X.25 Pkt Sw, BSA, Pkt Ntwk Acc of Mul DNICS	100%	100%	100%	100%	
C2 TypA - X.25 Pkt Sw, BSA, Pkt X.25 Int'face Proto	100%	100%	100%	100%	
C2 TypA - X.25 Pkt Sw, BSA, Stat Mux At CO	100%	100%	100%	100%	
C2 TypA - X.25 Pkt Sw, BSA, Virtual Dial Tone	100%	100%	100%	100%	
C2 TypB - X.75 Pkt Sw, BSA, Error Detect'n/Correct'n	100%	100%	100%	100%	
C2 TypB - X.75 Pkt Sw, BSA, Pkt Ntwk Acc of Mul DNICS	100%	100%	100%	100%	
C2 TypB - X.75 Pkt Sw, BSA, Pkt Sw X.75 Int'face Proto	100%	100%	100%	100%	
C2 TypB - X.75 Pkt Sw, BSA, Stat Mux At CO	100%	100%	100%	100%	
C2 TypB - X.75 Pkt Sw, BSA, Virtual Dial Tone	100%	100%	100%	100%	
C3 TypC - Ded Voice Grd, BSA, Inband Signaling	100%	100%	100%	100%	
C3 TypC - Ded Voice Grd, BSA, Term Sets & Inband Sgling	100%	100%	100%	100%	
C3 TypE - Ded Video, BSA, B'db'd Lk Fr Video Trans	100%	100%	100%	100%	
C3 TypF - Ded < 64kbps, BSA, DDS - Dgtl Private Lines	100%	100%	100%	100%	
C3 TypF - Ded < 64kbps, BSA, Error Detect'n/Correct'n	100%	100%	100%	100%	
C3 TypF - Ded < 64kbps, BSA, Transmission Rates	100%	100%	100%	100%	
C3 TypH - Ded > 1.544Mbps, BSA, B'db'd Lk Fr Video Trans	100%	100%	100%	100%	
Call Det Recd'g Rpts Pkt, BSA, Reports	100%	100%	100%	100%	
Call Detail Recrd'g Rpts, AN, Recording Service	100%	100%	100%	100%	
Call Redirection Packet, BSE, Packet Call Redirection	100%	100%	100%	100%	
Call Waiting Cancel, CNS, Call Waiting Cancel	100%	100%	100%	100%	
CF Mult Sim Call Intersw, CNS, Simul Call Fwding	100%	100%	100%	100%	
CF Var Remote Act/Cntrol, CNS, Remte Act Cll Fwding Var	100%	100%	100%	100%	
CF Variable, CNS, Call Fwding	100%	100%	100%	100%	
CFBL Interswitch, CNS, Call Fwding Busy Line	100%	100%	100%	100%	
CFBL Intrswitch, CNS, Call Fwding Busy Line	100%	100%	100%	100%	
CFDA Interswitch, CNS, Call Fwding Don't Ans	100%	100%	100%	100%	
CFDA Intrswitch, CNS, Call Fwding Don't Ans	100%	100%	100%	100%	
CFDA W/Var Ring Counts, CNS, CFDA W/Var Ring Counts	100%	100%	100%	100%	
Cllg DN Deliv via 900NXX, BSA, Sw Acc FG D	100%	100%	100%	100%	
Cllg Blg Num Deliv FG D, BSE, Automatic Number Ident	100%	100%	100%	100%	
Cllg DN Deliv via ICLID, CNS, Caller ID	100%	100%	100%	100%	
Closed User Groups Pkt, BSE, Restricted User Group	100%	100%	100%	100%	
Coin Phone PT Dlg DTMF Cap, CNS, Post Dling Cap (Public)	100%	100%	100%	100%	

GENERIC/REGIONAL NAME OF ONA SERVICES	Actual %	Projected % Access Lines		
	Dec-01	Dec-02	Dec-03	Dec-04
Conditioning, BSE, Conditioning	100%	100%	100%	100%
Cust Originated Trace, CNS, Call Trace*	100%	100%	100%	100%
Data Over Voice (DOV), BSA, DovLink*	100%	100%	100%	100%
Direct Call Packet, CNS, Packet Direct Call	100%	100%	100%	100%
Dist Ring Term Screen, CNS, Personalized Ring*	100%	100%	100%	100%
Distinctive Ringing, CNS, Priority Call*	100%	100%	100%	100%
Dist'tive R'ging (ISDN), CNS, Priority Calling	37%	31%	32%	22%
Extendec Superframe Cond, BSE, Extended Superframe Form	100%	100%	100%	100%
Fast Select Accept Pkt, BSE, Fast Select	100%	100%	100%	100%
Fast Select Request Pack, BSE, Fast Select	100%	100%	100%	100%
Flexible ANI, BSE, Flex ANI	100%	100%	100%	100%
Hot Line, CNS, Hot Line	100%	100%	100%	100%
Hunt Groups Packet, BSE, Packet Hunt Groups	100%	100%	100%	100%
Make Busy Key, BSE, Remote Make Busy	21%	35%	35%	25%
Make Busy Key, BSE, Remote Mk Busy - Trk Side	21%	35%	35%	25%
Menu Server, B/C, Menu Server	100%	100%	100%	100%
MLHG Access to Each Port, BSE, Nonhunting Nmbr Arrange	100%	100%	100%	100%
MLHG CO Announcements, BSE, Recorded Announcements	100%	100%	100%	100%
MLHG UCD Line Hunting, BSE, Unif Call Dist Arrange	21%	35%	35%	25%
MLHG UCD With Queing, BSE, Queing	21%	35%	35%	25%
Multiline Hunt Group, BSE, Multiline Hunt Group	100%	100%	100%	100%
Multiplexing-Digital, BSE, Multiplexing	100%	100%	100%	100%
MWI - Packet Access, BSE, Customer Alerting	100%	100%	100%	100%
MWI ATR Audible Msg Wtg, CNS, Cust Alrting Enablement	100%	100%	100%	100%
Network Reconfiguration, BSE, Network Reconfiguration	100%	100%	100%	100%
Preselect for Data Svcs, CNS, RPOA Preselection	100%	100%	100%	100%
Reverse Chg Accept Pkt, BSE, Reverse Chrg Acceptance	100%	100%	100%	100%
Route Diversity, BSE, Diversity	100%	100%	100%	100%
Secondary Ch Capability, BSE, Secondary Ch Capability	100%	100%	100%	100%
Selective Call Forward'g, CNS, Selective Call Fwding	100%	100%	100%	100%
Selective Call Rejection, CNS, Call Blocker*	100%	100%	100%	100%
Speed Calling, CNS, Speed Calling	100%	100%	100%	100%
Third Numb Bill Inhib, CNS, Billed Number Screening	100%	100%	100%	100%
Warm Line, CNS, Warm Line	79%	65%	65%	75%

GENERIC/REGIONAL NAME OF ONA SERVICES	Actual %	Projected % Access Lines		
	Dec-01	Dec-02	Dec-03	Dec-04
Acc to Ctr Ch Transmission, BSE, Ctr Chan Cap (1.544 Mbps)	100%	100%	100%	100%
Alternate Routing, BSE, Alt Traffic Routing	100%	100%	100%	100%
Automatic Call back, CNS, Call Cue*	100%	100%	100%	100%
Automatic Cllback (ISDN), CNS, Auto Callback on Busy	87%	86%	86%	85%
Automatic Protect Switching, BSE, Automatic Loop Transfer	100%	100%	100%	100%
Automatic Recall, CNS, Call Return*	100%	100%	100%	100%
Bridging, BSE, Bridging	100%	100%	100%	100%
C1 TypA - Ckt Sw Line, BSA, Cond'ing On Swtchd Lines	100%	100%	100%	100%
C1 TypA - Ckt Sw Line, BSA, Directionality	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, Answer Supv'n Trunk Side	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, DID W/fast Signaling	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, Directionality	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, Rev Chrg On LMS Clls	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, Signaling	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, Trk-side Acc W/4wire Int	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, Trunk Side Access	100%	100%	100%	100%
C2 TypA - X.25 Pkt Sw, BSA, Error Detect'n/Correct'n	100%	100%	100%	100%
C2 TypA - X.25 Pkt Sw, BSA, Pkt Ntwk Acc of Mul DNICS	100%	100%	100%	100%
C2 TypA - X.25 Pkt Sw, BSA, Pkt X.25 Int'face Proto	100%	100%	100%	100%
C2 TypA - X.25 Pkt Sw, BSA, Stat Mux At CO	100%	100%	100%	100%
C2 TypA - X.25 Pkt Sw, BSA, Virtual Dial Tone	100%	100%	100%	100%
C2 TypB - X.75 Pkt Sw, BSA, Error Detect'n/Correct'n	100%	100%	100%	100%
C2 TypB - X.75 Pkt Sw, BSA, Pkt Ntwk Acc of Mul DNICS	100%	100%	100%	100%
C2 TypB - X.75 Pkt Sw, BSA, Pkt Sw X.75 Int'face Proto	100%	100%	100%	100%
C2 TypB - X.75 Pkt Sw, BSA, Stat Mux At CO	100%	100%	100%	100%
C2 TypB - X.75 Pkt Sw, BSA, Virtual Dial Tone	100%	100%	100%	100%
C3 TypC - Ded Voice Grd, BSA, Inband Signaling	100%	100%	100%	100%
C3 TypC - Ded Voice Grd, BSA, Term Sets & Inband Sgling	100%	100%	100%	100%
C3 TypE - Ded Video, BSA, B'db'd Lk Fr Video Trans	100%	100%	100%	100%
C3 TypF - Ded < 64kbps, BSA, DDS - Dgtl Private Lines	100%	100%	100%	100%
C3 TypF - Ded < 64kbps, BSA, Error Detect'n/Correct'n	100%	100%	100%	100%
C3 TypF - Ded < 64kbps, BSA, Transmission Rates	100%	100%	100%	100%
C3 TypH - Ded > 1.544Mbps, BSA, B'db'd Lk Fr Video Trans	100%	100%	100%	100%
Call Det Recd'g Rpts Pkt, BSA, Reports	100%	100%	100%	100%
Call Detail Recrd'g Rpts, AN, Recording Service	100%	100%	100%	100%
Call Redirection Packet, BSE, Packet Call Redirection	100%	100%	100%	100%
Call Waiting Cancel, CNS, Call Waiting Cancel	100%	100%	100%	100%
CF Mult Sim Call Intersw, CNS, Simul Call Fwding	100%	100%	100%	100%
CF Var Remote Act/Cntrol, CNS, Remte Act Cll Fwding Var	100%	100%	100%	100%
CF Variable, CNS, Call Fwding	100%	100%	100%	100%
CFBL Interswitch, CNS, Call Fwding Busy Line	100%	100%	100%	100%
CFBL Intrswitch, CNS, Call Fwding Busy Line	100%	100%	100%	100%
CFDA Interswitch, CNS, Call Fwding Don't Ans	100%	100%	100%	100%
CFDA Intrswitch, CNS, Call Fwding Don't Ans	100%	100%	100%	100%
CFDA W/Var Ring Counts, CNS, CFDA W/Var Ring Counts	100%	100%	100%	100%
Cllid DN Deliv via 900NXX, BSA, Sw Acc FG D	100%	100%	100%	100%
Cllg Bllg Num Deliv FG D, BSE, Automatic Number Ident	100%	100%	100%	100%
Cllg DN Deliv via ICLID, CNS, Caller ID	100%	100%	100%	100%
Closed User Groups Pkt, BSE, Ristricted User Group	100%	100%	100%	100%
Coin Phone PT Dlg DTMF Cap, CNS, Post Dling Cap (Public)	100%	100%	100%	100%

GENERIC/REGIONAL NAME OF ONA SERVICES	Actual %	Projected % Access Lines		
	Dec-01	Dec-02	Dec-03	Dec-04
Conditioning, BSE, Conditioning	100%	100%	100%	100%
Cust Originated Trace, CNS, Call Trace*	100%	100%	100%	100%
Data Over Voice (DOV), BSA, DovLink*	100%	100%	100%	100%
Direct Call Packet, CNS, Packet Direct Call	100%	100%	100%	100%
Dist Ring Term Screen, CNS, Personalized Ring*	100%	100%	100%	100%
Distinctive Ringing, CNS, Priority Call*	100%	100%	100%	100%
Dist'tive R'ging (ISDN), CNS, Priority Calling	87%	86%	86%	85%
Extended Superframe Cond, BSE, Extended Superframe Form	100%	100%	100%	100%
Fast Select Accept Pkt, BSE, Fast Select	100%	100%	100%	100%
Fast Select Request Pack, BSE, Fast Select	100%	100%	100%	100%
Flexible ANI, BSE, Flex ANI	100%	100%	100%	100%
Hot Line, CNS, Hot Line	100%	100%	100%	100%
Hunt Groups Packet, BSE, Packet Hunt Groups	100%	100%	100%	100%
Make Busy Key, BSE, Remote Make Busy	70%	71%	71%	70%
Make Busy Key, BSE, Remote Mk Busy - Trk Side	70%	71%	71%	70%
Menu Server, B/C, Menu Server	100%	100%	100%	100%
MLHG Access to Each Port, BSE, Nonhunting Nmbr Arrange	100%	100%	100%	100%
MLHG CO Announcements, BSE, Recorded Announcements	100%	100%	100%	100%
MLHG UCD Line Hunting, BSE, Unif Call Dist Arrange	70%	71%	71%	70%
MLHG UCD With Queing, BSE, Queing	70%	71%	71%	70%
Multiline Hunt Group, BSE, Multiline Hunt Group	100%	100%	100%	100%
Multiplexing-Digital, BSE, Multiplexing	100%	100%	100%	100%
MWI - Packet Access, BSE, Customer Alerting	100%	100%	100%	100%
MWI ATR Audible Msg Wtg, CNS, Cust Alring Enablement	100%	100%	100%	100%
Network Reconfiguration, BSE, Network Reconfiguration	100%	100%	100%	100%
Preselect for Data Svcs, CNS, RPOA Preselection	100%	100%	100%	100%
Reverse Chg Accept Pkt, BSE, Reverse Chrg Acceptance	100%	100%	100%	100%
Route Diversity, BSE, Diversity	100%	100%	100%	100%
Secondary Ch Capability, BSE, Secondary Ch Capability	100%	100%	100%	100%
Selective Call Forward'g, CNS, Selective Call Fwding	100%	100%	100%	100%
Selective Call Rejection, CNS, Call Blocker*	100%	100%	100%	100%
Speed Calling, CNS, Speed Calling	100%	100%	100%	100%
Third Numb Bill Inhib, CNS, Billed Number Screening	100%	100%	100%	100%
Warm Line, CNS, Warm Line	30%	29%	29%	30%

GENERIC/REGIONAL NAME OF ONA SERVICES	Actual %	Projected % Access Lines		
	Dec-01	Dec-02	Dec-03	Dec-04
Acc to Ctr Ch Transmission, BSE, Ctr Chan Cap (1.544 Mbps)	100%	100%	100%	100%
Alternate Routing, BSE, Alt Traffic Routing	100%	100%	100%	100%
Automatic Call back, CNS, Call Cue*	100%	100%	100%	100%
Automatic Cllback (ISDN), CNS, Auto Callback on Busy	54%	53%	52%	52%
Automatic Protect Switching, BSE, Automatic Loop Transfer	100%	100%	100%	100%
Automatic Recall, CNS, Call Return*	100%	100%	100%	100%
Bridging, BSE, Bridging	100%	100%	100%	100%
C1 TypA - Ckt Sw Line, BSA, Cond'ing On Swtchd Lines	100%	100%	100%	100%
C1 TypA - Ckt Sw Line, BSA, Directionality	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, Answer Supv'n Trunk Side	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, DID W/fast Signaling	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, Directionality	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, Rev Chrg On LMS Clls	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, Signaling	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, Trk-side Acc W/4wire Int	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, Trunk Side Access	100%	100%	100%	100%
C2 TypA - X.25 Pkt Sw, BSA, Error Detect'n/Correct'n	100%	100%	100%	100%
C2 TypA - X.25 Pkt Sw, BSA, Pkt Ntwk Acc of Mul DNICS	100%	100%	100%	100%
C2 TypA - X.25 Pkt Sw, BSA, Pkt X.25 Int'face Proto	100%	100%	100%	100%
C2 TypA - X.25 Pkt Sw, BSA, Stat Mux At CO	100%	100%	100%	100%
C2 TypA - X.25 Pkt Sw, BSA, Virtual Dial Tone	100%	100%	100%	100%
C2 TypB - X.75 Pkt Sw, BSA, Error Detect'n/Correct'n	100%	100%	100%	100%
C2 TypB - X.75 Pkt Sw, BSA, Pkt Ntwk Acc of Mul DNICS	100%	100%	100%	100%
C2 TypB - X.75 Pkt Sw, BSA, Pkt Sw X.75 Int'face Proto	100%	100%	100%	100%
C2 TypB - X.75 Pkt Sw, BSA, Stat Mux At CO	100%	100%	100%	100%
C2 TypB - X.75 Pkt Sw, BSA, Virtual Dial Tone	100%	100%	100%	100%
C3 TypC - Ded Voice Grd, BSA, Inband Signaling	100%	100%	100%	100%
C3 TypC - Ded Voice Grd, BSA, Term Sets & Inband Sgling	100%	100%	100%	100%
C3 TypE - Ded Video, BSA, B'db'd Lk Fr Video Trans	100%	100%	100%	100%
C3 TypF - Ded < 64kbps, BSA, DDS - Dgtl Private Lines	100%	100%	100%	100%
C3 TypF - Ded < 64kbps, BSA, Error Detect'n/Correct'n	100%	100%	100%	100%
C3 TypF - Ded < 64kbps, BSA, Transmission Rates	100%	100%	100%	100%
C3 TypH - Ded > 1.544Mbps, BSA, B'db'd Lk Fr Video Trans	100%	100%	100%	100%
Call Det Recd'g Rpts Pkt, BSA, Reports	100%	100%	100%	100%
Call Detail Recrd'g Rpts, AN, Recording Service	100%	100%	100%	100%
Call Redirection Packet, BSE, Packet Call Redirection	100%	100%	100%	100%
Call Waiting Cancel, CNS, Call Waiting Cancel	100%	100%	100%	100%
CF Mult Sim Call Intersw, CNS, Simul Call Fwding	100%	100%	100%	100%
CF Var Remote Act/Cntrol, CNS, Remte Act Cll Fwding Var	100%	100%	100%	100%
CF Variable, CNS, Call Fwding	100%	100%	100%	100%
CFBL Interswitch, CNS, Call Fwding Busy Line	100%	100%	100%	100%
CFBL Intrswitch, CNS, Call Fwding Busy Line	100%	100%	100%	100%
CFDA Interswitch, CNS, Call Fwding Don't Ans	100%	100%	100%	100%
CFDA Intrswitch, CNS, Call Fwding Don't Ans	100%	100%	100%	100%
CFDA W/Var Ring Counts, CNS, CFDA W/Var Ring Counts	100%	100%	100%	100%
Cllid DN Deliv via 900NXX, BSA, Sw Acc FG D	100%	100%	100%	100%
Cllg Bllg Num Deliv FG D, BSE, Automatic Number Ident	100%	100%	100%	100%
Cllg DN Deliv via ICLID, CNS, Caller ID	100%	100%	100%	100%
Closed User Groups Pkt, BSE, Ristricted User Group	100%	100%	100%	100%
Coin Phone PT Dlg DTMF Cap, CNS, Post Dling Cap (Public)	100%	100%	100%	100%

GENERIC/REGIONAL NAME OF ONA SERVICES	Actual %	Projected % Access Lines		
	Dec-01	Dec-02	Dec-03	Dec-04
Conditioning, BSE, Conditioning	100%	100%	100%	100%
Cust Originated Trace, CNS, Call Trace*	100%	100%	100%	100%
Data Over Voice (DOV), BSA, DovLink*	100%	100%	100%	100%
Direct Call Packet, CNS, Packet Direct Call	100%	100%	100%	100%
Dist Ring Term Screen, CNS, Personalized Ring*	100%	100%	100%	100%
Distinctive Ringing, CNS, Priority Call*	100%	100%	100%	100%
Dist'tive R'ging (ISDN), CNS, Priority Calling	54%	53%	52%	52%
Extended Superframe Cond, BSE, Extended Superframe Form	100%	100%	100%	100%
Fast Select Accept Pkt, BSE, Fast Select	100%	100%	100%	100%
Fast Select Request Pack, BSE, Fast Select	100%	100%	100%	100%
Flexible ANI, BSE, Flex ANI	100%	100%	100%	100%
Hot Line, CNS, Hot Line	100%	100%	100%	100%
Hunt Groups Packet, BSE, Packet Hunt Groups	100%	100%	100%	100%
Make Busy Key, BSE, Remote Make Busy	63%	63%	64%	64%
Make Busy Key, BSE, Remote Mk Busy - Trk Side	63%	63%	64%	64%
Menu Server, B/C, Menu Server	100%	100%	100%	100%
MLHG Access to Each Port, BSE, Nonhunting Nmbr Arrange	100%	100%	100%	100%
MLHG CO Announcements, BSE, Recorded Announcements	100%	100%	100%	100%
MLHG UCD Line Hunting, BSE, Unif Call Dist Arrange	63%	63%	64%	64%
MLHG UCD With Queing, BSE, Queing	63%	63%	64%	64%
Multiline Hunt Group, BSE, Multiline Hunt Group	100%	100%	100%	100%
Multiplexing-Digital, BSE, Multiplexing	100%	100%	100%	100%
MWI - Packet Access, BSE, Customer Alerting	100%	100%	100%	100%
MWI ATR Audible Msg Wtg, CNS, Cust Alrting Enablement	100%	100%	100%	100%
Network Reconfiguration, BSE, Network Reconfiguration	100%	100%	100%	100%
Preselect for Data Svcs, CNS, RPOA Preselection	100%	100%	100%	100%
Reverse Chg Accept Pkt, BSE, Reverse Chrg Acceptance	100%	100%	100%	100%
Route Diversity, BSE, Diversity	100%	100%	100%	100%
Secondary Ch Capability, BSE, Secondary Ch Capability	100%	100%	100%	100%
Selective Call Forward'g, CNS, Selective Call Fwding	100%	100%	100%	100%
Selective Call Rejection, CNS, Call Blocker*	100%	100%	100%	100%
Speed Calling, CNS, Speed Calling	100%	100%	100%	100%
Third Numb Bill Inhib, CNS, Billed Number Screening	100%	100%	100%	100%
Warm Line, CNS, Warm Line	37%	37%	36%	36%

GENERIC/REGIONAL NAME OF ONA SERVICES	Actual %	Projected % Access Lines		
	Dec-01	Dec-02	Dec-03	Dec-04
Acc to Clr Ch Transmission, BSE, Clr Chan Cap (1.544 Mbps)	100%	100%	100%	100%
Alternate Routing, BSE, Alt Traffic Routing	100%	100%	100%	100%
Automatic Call back, CNS, Call Cue*	99%	99%	99%	99%
Automatic Cllback (ISDN), CNS, Auto Callback on Busy	63%	62%	63%	63%
Automatic Protect Switching, BSE, Automatic Loop Transfer	100%	100%	100%	100%
Automatic Recall, CNS, Call Return*	99%	99%	99%	99%
Bridging, BSE, Bridging	100%	100%	100%	100%
C1 TypA - Ckt Sw Line, BSA, Cond'ing On Swtchd Lines	100%	100%	100%	100%
C1 TypA - Ckt Sw Line, BSA, Directionality	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, Answer Supv'n Trunk Side	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, DID W/fast Signaling	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, Directionality	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, Rev Chrg On LMS Clls	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, Signaling	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, Trk-side Acc W/4wire Int	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, Trunk Side Access	100%	100%	100%	100%
C2 TypA - X.25 Pkt Sw, BSA, Error Detect'n/Correct'n	100%	100%	100%	100%
C2 TypA - X.25 Pkt Sw, BSA, Pkt Ntwk Acc of Mul DNICS	99%	99%	99%	99%
C2 TypA - X.25 Pkt Sw, BSA, Pkt X.25 Int'face Proto	99%	99%	99%	99%
C2 TypA - X.25 Pkt Sw, BSA, Stat Mux At CO	99%	99%	99%	99%
C2 TypA - X.25 Pkt Sw, BSA, Virtual Dial Tone	99%	99%	99%	99%
C2 TypB - X.75 Pkt Sw, BSA, Error Detect'n/Correct'n	100%	100%	100%	100%
C2 TypB - X.75 Pkt Sw, BSA, Pkt Ntwk Acc of Mul DNICS	99%	99%	99%	99%
C2 TypB - X.75 Pkt Sw, BSA, Pkt Sw X.75 Int'face Proto	99%	99%	99%	99%
C2 TypB - X.75 Pkt Sw, BSA, Stat Mux At CO	99%	99%	99%	99%
C2 TypB - X.75 Pkt Sw, BSA, Virtual Dial Tone	99%	99%	99%	99%
C3 TypC - Ded Voice Grd, BSA, Inband Signaling	100%	100%	100%	100%
C3 TypC - Ded Voice Grd, BSA, Term Sets & Inband Sgling	100%	100%	100%	100%
C3 TypE - Ded Video, BSA, B'db'd Lk Fr Video Trans	100%	100%	100%	100%
C3 TypF - Ded < 64kbps, BSA, DDS - Dgtl Private Lines	100%	100%	100%	100%
C3 TypF - Ded < 64kbps, BSA, Error Detect'n/Correct'n	100%	100%	100%	100%
C3 TypF - Ded < 64kbps, BSA, Transmission Rates	100%	100%	100%	100%
C3 TypH - Ded > 1.544Mbps, BSA, B'db'd Lk Fr Video Trans	100%	100%	100%	100%
Call Det Recd'g Rpts Pkt, BSA, Reports	99%	99%	99%	99%
Call Detail Recrd'g Rpts, AN, Recording Service	99%	99%	99%	99%
Call Redirection Packet, BSE, Packet Call Redirection	99%	99%	99%	99%
Call Waiting Cancel, CNS, Call Waiting Cancel	100%	100%	100%	100%
CF Mult Sim Call Intersw, CNS, Simul Call Fwding	100%	100%	100%	100%
CF Var Remote Act/Cntrol, CNS, Remte Act Cll Fwding Var	99%	99%	99%	99%
CF Variable, CNS, Call Fwding	100%	100%	100%	100%
CFBL Interswitch, CNS, Call Fwding Busy Line	99%	99%	99%	99%
CFBL Intrswitch, CNS, Call Fwding Busy Line	99%	99%	99%	99%
CFDA Interswitch, CNS, Call Fwding Don't Ans	99%	99%	99%	99%
CFDA Intrswitch, CNS, Call Fwding Don't Ans	99%	99%	99%	99%
CFDA W/Var Ring Counts, CNS, CFDA W/Var Ring Counts	99%	99%	99%	99%
Clld DN Deliv via 900NXX, BSA, Sw Acc FG D	99%	99%	99%	99%
ClIg Blg Num Deliv FG D, BSE, Automatic Number Ident	100%	100%	100%	100%
ClIg DN Deliv via ICLID, CNS, Caller ID	100%	100%	100%	100%
Closed User Groups Pkt, BSE, Ristricted User Group	100%	100%	100%	100%
Coin Phone PT Dlg DTMF Cap, CNS, Post Dling Cap (Public)	99%	99%	99%	99%

GENERIC/REGIONAL NAME OF ONA SERVICES	Actual %	Projected % Access Lines		
	Dec-01	Dec-02	Dec-03	Dec-04
Conditioning, BSE, Conditioning	100%	100%	100%	100%
Cust Originated Trace, CNS, Call Trace*	100%	100%	100%	100%
Data Over Voice (DOV), BSA, DovLink*	99%	99%	99%	99%
Direct Call Packet, CNS, Packet Direct Call	99%	99%	99%	99%
Dist Ring Term Screen, CNS, Personalized Ring*	100%	100%	100%	100%
Distinctive Ringing, CNS, Priority Call*	99%	99%	99%	99%
Dist'tive R'ging (ISDN), CNS, Priority Calling	63%	62%	63%	63%
Extended Superframe Cond, BSE, Extended Superframe Form	100%	100%	100%	100%
Fast Select Accept Pkt, BSE, Fast Select	99%	99%	99%	99%
Fast Select Request Pack, BSE, Fast Select	99%	99%	99%	99%
Flexible ANI, BSE, Flex ANI	100%	100%	100%	100%
Hot Line, CNS, Hot Line	99%	99%	99%	99%
Hunt Groups Packet, BSE, Packet Hunt Groups	99%	99%	99%	99%
Make Busy Key, BSE, Remote Make Busy	45%	46%	48%	48%
Make Busy Key, BSE, Remote Mk Busy - Trk Side	45%	46%	48%	48%
Menu Server, B/C, Menu Server	99%	99%	99%	99%
MLHG Access to Each Port, BSE, Nonhunting Nmbr Arrange	100%	100%	100%	100%
MLHG CO Announcements, BSE, Recorded Announcements	99%	99%	99%	99%
MLHG UCD Line Hunting, BSE, Unif Call Dist Arrange	45%	46%	48%	48%
MLHG UCD With Queing, BSE, Queing	45%	46%	48%	48%
Multiline Hunt Group, BSE, Multiline Hunt Group	100%	100%	100%	100%
Multiplexing-Digital, BSE, Multiplexing	100%	100%	100%	100%
MWI - Packet Access, BSE, Customer Alerting	99%	99%	99%	99%
MWI ATR Audible Msg Wtg, CNS, Cust Alrting Enablement	99%	99%	99%	99%
Network Reconfiguration, BSE, Network Reconfiguration	100%	100%	100%	100%
Preselect for Data Svcs, CNS, RPOA Preselection	99%	99%	99%	99%
Reverse Chg Accept Pkt, BSE, Reverse Chrg Acceptance	99%	99%	99%	99%
Route Diversity, BSE, Diversity	100%	100%	100%	100%
Secondary Ch Capability, BSE, Secondary Ch Capability	100%	100%	100%	100%
Selective Call Forward'g, CNS, Selective Call Fwding	99%	99%	99%	99%
Selective Call Rejection, CNS, Call Blocker*	99%	99%	99%	99%
Speed Calling, CNS, Speed Calling	99%	99%	99%	99%
Third Numb Bill Inhib, CNS, Billed Number Screening	99%	99%	99%	99%
Warm Line, CNS, Warm Line	54%	53%	51%	51%

GENERIC/REGIONAL NAME OF ONA SERVICES	Actual %	Projected % Access Lines			
	Dec-01	Dec-02	Dec-03	Dec-04	
Acc to Clr Ch Transmission, BSE, Clr Chan Cap (1.544 Mbps)	100%	100%	100%	100%	
Alternate Routing, BSE, Alt Traffic Routing	100%	100%	100%	100%	
Automatic Call back, CNS, Call Cue*	98%	98%	97%	97%	
Automatic Cllback (ISDN), CNS, Auto Callback on Busy	49%	47%	46%	45%	
Automatic Protect Switching, BSE, Automatic Loop Transfer	100%	100%	100%	100%	
Automatic Recall, CNS, Call Return*	98%	98%	97%	97%	
Bridging, BSE, Bridging	100%	100%	100%	100%	
C1 TypA - Ckt Sw Line, BSA, Cond'ing On Swtchd Lines	100%	100%	100%	100%	
C1 TypA - Ckt Sw Line, BSA, Directionality	100%	100%	100%	100%	
C1 TypB - Ckt Sw Trunk, BSA, Answer Supv'n Trunk Side	100%	100%	100%	100%	
C1 TypB - Ckt Sw Trunk, BSA, DID W/fast Signaling	100%	100%	100%	100%	
C1 TypB - Ckt Sw Trunk, BSA, Directionality	100%	100%	100%	100%	
C1 TypB - Ckt Sw Trunk, BSA, Rev Chrg On LMS Clls	100%	100%	100%	100%	
C1 TypB - Ckt Sw Trunk, BSA, Signaling	100%	100%	100%	100%	
C1 TypB - Ckt Sw Trunk, BSA, Trk-side Acc W/4wire Int	100%	100%	100%	100%	
C1 TypB - Ckt Sw Trunk, BSA, Trunk Side Access	100%	100%	100%	100%	
C2 TypA - X.25 Pkt Sw, BSA, Error Detect'n/Correct'n	100%	100%	100%	100%	
C2 TypA - X.25 Pkt Sw, BSA, Pkt Ntwk Acc of Mul DNICS	98%	98%	97%	97%	
C2 TypA - X.25 Pkt Sw, BSA, Pkt X.25 Int'face Proto	98%	98%	97%	97%	
C2 TypA - X.25 Pkt Sw, BSA, Stat Mux At CO	98%	98%	97%	97%	
C2 TypA - X.25 Pkt Sw, BSA, Virtual Dial Tone	98%	98%	97%	97%	
C2 TypB - X.75 Pkt Sw, BSA, Error Detect'n/Correct'n	100%	100%	100%	100%	
C2 TypB - X.75 Pkt Sw, BSA, Pkt Ntwk Acc of Mul DNICS	98%	98%	97%	97%	
C2 TypB - X.75 Pkt Sw, BSA, Pkt Sw X.75 Int'face Proto	98%	98%	97%	97%	
C2 TypB - X.75 Pkt Sw, BSA, Stat Mux At CO	98%	98%	97%	97%	
C2 TypB - X.75 Pkt Sw, BSA, Virtual Dial Tone	98%	98%	97%	97%	
C3 TypC - Ded Voice Grd, BSA, Inband Signaling	100%	100%	100%	100%	
C3 TypC - Ded Voice Grd, BSA, Term Sets & Inband Sgling	100%	100%	100%	100%	
C3 TypE - Ded Video, BSA, B'db'd Lk Fr Video Trans	100%	100%	100%	100%	
C3 TypF - Ded < 64kbps, BSA, DDS - Dgtl Private Lines	100%	100%	100%	100%	
C3 TypF - Ded < 64kbps, BSA, Error Detect'n/Correct'n	100%	100%	100%	100%	
C3 TypF - Ded < 64kbps, BSA, Transmission Rates	100%	100%	100%	100%	
C3 TypH - Ded > 1.544Mbps, BSA, B'db'd Lk Fr Video Trans	100%	100%	100%	100%	
Call Det Recd'g Rpts Pkt, BSA, Reports	98%	98%	97%	97%	
Call Detail Recrd'g Rpts, AN, Recording Service	98%	98%	97%	97%	
Call Redirection Packet, BSE, Packet Call Redirection	98%	98%	97%	97%	
Call Waiting Cancel, CNS, Call Waiting Cancel	100%	100%	100%	100%	
CF Mult Sim Call Intersw, CNS, Simul Call Fwding	100%	100%	100%	100%	
CF Var Remote Act/Cntrol, CNS, Remte Act Cll Fwding Var	98%	98%	97%	97%	
CF Variable, CNS, Call Fwding	100%	100%	100%	100%	
CFBL Interswitch, CNS, Call Fwding Busy Line	98%	98%	97%	97%	
CFBL Intrswitch, CNS, Call Fwding Busy Line	98%	98%	97%	97%	
CFDA Interswitch, CNS, Call Fwding Don't Ans	98%	98%	97%	97%	
CFDA Intrswitch, CNS, Call Fwding Don't Ans	98%	98%	97%	97%	
CFDA W/Var Ring Counts, CNS, CFDA W/Var Ring Counts	98%	98%	97%	97%	
Cllid DN Deliv via 900NXX, BSA, Sw Acc FG D	98%	98%	97%	97%	
Cllg Bllg Num Deliv FG D, BSE, Automatic Number Ident	100%	100%	100%	100%	
Cllg DN Deliv via ICLID, CNS, Caller ID	100%	100%	100%	100%	
Closed User Groups Pkt, BSE, Ristricted User Group	100%	100%	100%	100%	
Coin Phone PT Dlg DTMF Cap, CNS, Post Dling Cap (Public)	98%	98%	97%	97%	

GENERIC/REGIONAL NAME OF ONA SERVICES	Actual %	Projected % Access Lines		
	Dec-01	Dec-02	Dec-03	Dec-04
Conditioning, BSE, Conditioning	100%	100%	100%	100%
Cust Originated Trace, CNS, Call Trace*	100%	100%	100%	100%
Data Over Voice (DOV), BSA, DovLink*	98%	98%	97%	97%
Direct Call Packet, CNS, Packet Direct Call	98%	98%	97%	97%
Dist Ring Term Screen, CNS, Personalized Ring*	100%	100%	100%	100%
Distinctive Ringing, CNS, Priority Call*	98%	98%	97%	97%
Dist'tive R'ging (ISDN), CNS, Priority Calling	49%	47%	46%	45%
Extended Superframe Cond, BSE, Extended Superframe Form	100%	100%	100%	100%
Fast Select Accept Pkt, BSE, Fast Select	98%	98%	97%	97%
Fast Select Request Pack, BSE, Fast Select	98%	98%	97%	97%
Flexible ANI, BSE, Flex ANI	100%	100%	100%	100%
Hot Line, CNS, Hot Line	98%	98%	97%	97%
Hunt Groups Packet, BSE, Packet Hunt Groups	98%	98%	97%	97%
Make Busy Key, BSE, Remote Make Busy	10%	10%	10%	10%
Make Busy Key, BSE, Remote Mk Busy - Trk Side	10%	10%	10%	10%
Menu Server, B/C, Menu Server	98%	98%	97%	97%
MLHG Access to Each Port, BSE, Nonhunting Nmbr Arrange	100%	100%	100%	100%
MLHG CO Announcements, BSE, Recorded Announcements	98%	98%	97%	97%
MLHG UCD Line Hunting, BSE, Unif Call Dist Arrange	10%	10%	10%	10%
MLHG UCD With Queing, BSE, Queing	10%	10%	10%	10%
Multiline Hunt Group, BSE, Multiline Hunt Group	100%	100%	100%	100%
Multiplexing-Digital, BSE, Multiplexing	100%	100%	100%	100%
MWI - Packet Access, BSE, Customer Alerting	98%	98%	97%	97%
MWI ATR Audible Msg Wtg, CNS, Cust Alrting Enablement	98%	98%	97%	97%
Network Reconfiguration, BSE, Network Reconfiguration	100%	100%	100%	100%
Preselect for Data Svcs, CNS, RPOA Preselection	98%	98%	97%	97%
Reverse Chg Accept Pkt, BSE, Reverse Chrg Acceptance	98%	98%	97%	97%
Route Diversity, BSE, Diversity	100%	100%	100%	100%
Secondary Ch Capability, BSE, Secondary Ch Capability	100%	100%	100%	100%
Selective Call Forward'g, CNS, Selective Call Fwding	98%	98%	97%	97%
Selective Call Rejection, CNS, Call Blocker*	98%	98%	97%	97%
Speed Calling, CNS, Speed Calling	98%	98%	97%	97%
Third Numb Bill Inhib, CNS, Billed Number Screening	98%	98%	97%	97%
Warm Line, CNS, Warm Line	88%	87%	87%	87%

GENERIC/REGIONAL NAME OF ONA SERVICES	Actual %	Projected % Access Lines		
	Dec-01	Dec-02	Dec-03	Dec-04
Acc to Clr Ch Transmission, BSE, Clr Chan Cap (1.544 Mbps)	100%	100%	100%	100%
Alternate Routing, BSE, Alt Traffic Routing	100%	100%	100%	100%
Automatic Call back, CNS, Call Cue*	97%	97%	97%	97%
Automatic Cllback (ISDN), CNS, Auto Callback on Busy	71%	76%	77%	76%
Automatic Protect Switching, BSE, Automatic Loop Transfer	100%	100%	100%	100%
Automatic Recall, CNS, Call Return*	97%	97%	97%	97%
Bridging, BSE, Bridging	100%	100%	100%	100%
C1 TypA - Ckt Sw Line, BSA, Cond'ing On Swtchd Lines	100%	100%	100%	100%
C1 TypA - Ckt Sw Line, BSA, Directionality	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, Answer Supv'n Trunk Side	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, DID W/fast Signaling	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, Directionality	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, Rev Chrg On LMS Clls	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, Signaling	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, Trk-side Acc W/4wire Int	100%	100%	100%	100%
C1 TypB - Ckt Sw Trunk, BSA, Trunk Side Access	100%	100%	100%	100%
C2 TypA - X.25 Pkt Sw, BSA, Error Detect'n/Correct'n	100%	100%	100%	100%
C2 TypA - X.25 Pkt Sw, BSA, Pkt Ntwk Acc of Mul DNICS	97%	97%	97%	97%
C2 TypA - X.25 Pkt Sw, BSA, Pkt X.25 Int'face Proto	97%	97%	97%	97%
C2 TypA - X.25 Pkt Sw, BSA, Stat Mux At CO	97%	97%	97%	97%
C2 TypA - X.25 Pkt Sw, BSA, Virtual Dial Tone	97%	97%	97%	97%
C2 TypB - X.75 Pkt Sw, BSA, Error Detect'n/Correct'n	100%	100%	100%	100%
C2 TypB - X.75 Pkt Sw, BSA, Pkt Ntwk Acc of Mul DNICS	97%	97%	97%	97%
C2 TypB - X.75 Pkt Sw, BSA, Pkt Sw X.75 Int'face Proto	97%	97%	97%	97%
C2 TypB - X.75 Pkt Sw, BSA, Stat Mux At CO	97%	97%	97%	97%
C2 TypB - X.75 Pkt Sw, BSA, Virtual Dial Tone	97%	97%	97%	97%
C3 TypC - Ded Voice Grd, BSA, Inband Signaling	100%	100%	100%	100%
C3 TypC - Ded Voice Grd, BSA, Term Sets & Inband Sgling	100%	100%	100%	100%
C3 TypE - Ded Video, BSA, B'db'd Lk Fr Video Trans	100%	100%	100%	100%
C3 TypF - Ded < 64kbps, BSA, DDS - Dgtl Private Lines	100%	100%	100%	100%
C3 TypF - Ded < 64kbps, BSA, Error Detect'n/Correct'n	100%	100%	100%	100%
C3 TypF - Ded < 64kbps, BSA, Transmission Rates	100%	100%	100%	100%
C3 TypH - Ded > 1.544Mbps, BSA, B'db'd Lk Fr Video Trans	100%	100%	100%	100%
Call Det Recd'g Rpts Pkt, BSA, Reports	97%	97%	97%	97%
Call Detail Recrd'g Rpts, AN, Recording Service	97%	97%	97%	97%
Call Redirection Packet, BSE, Packet Call Redirection	97%	97%	97%	97%
Call Waiting Cancel, CNS, Call Waiting Cancel	100%	100%	100%	100%
CF Mult Sim Call Intersw, CNS, Simul Call Fwding	100%	100%	100%	100%
CF Var Remote Act/Cntrol, CNS, Remte Act Cll Fwding Var	97%	97%	97%	97%
CF Variable, CNS, Call Fwding	100%	100%	100%	100%
CFBL Interswitch, CNS, Call Fwding Busy Line	97%	97%	97%	97%
CFBL Intrswitch, CNS, Call Fwding Busy Line	97%	97%	97%	97%
CFDA Interswitch, CNS, Call Fwding Don't Ans	97%	97%	97%	97%
CFDA Intrswitch, CNS, Call Fwding Don't Ans	97%	97%	97%	97%
CFDA W/Var Ring Counts, CNS, CFDA W/Var Ring Counts	97%	97%	97%	97%
Cll'd DN Deliv via 900NXX, BSA, Sw Acc FG D	97%	97%	97%	97%
Cllg Bllg Num Deliv FG D, BSE, Automatic Number Ident	100%	100%	100%	100%
Cllg DN Deliv via ICLID, CNS, Caller ID	100%	100%	100%	100%
Closed User Groups Pkt, BSE, Restricted User Group	100%	100%	100%	100%
Coin Phone PT Dlg DTMF Cap, CNS, Post Dling Cap (Public)	97%	97%	97%	97%

GENERIC/REGIONAL NAME OF ONA SERVICES	Actual %	Projected % Access Lines			
	Dec-01	Dec-02	Dec-03	Dec-04	
Conditioning, BSE, Conditioning	100%	100%	100%	100%	
Cust Originated Trace, CNS, Call Trace*	100%	100%	100%	100%	
Data Over Voice (DOV), BSA, DovLink*	97%	97%	97%	97%	
Direct Call Packet, CNS, Packet Direct Call	97%	97%	97%	97%	
Dist Ring Term Screen, CNS, Personalized Ring*	100%	100%	100%	100%	
Distinctive Ringing, CNS, Priority Call*	97%	97%	97%	97%	
Dist'tive R'ging (ISDN), CNS, Priority Calling	71%	76%	77%	76%	
Extended Superframe Cond, BSE, Extended Superframe Form	100%	100%	100%	100%	
Fast Select Accept Pkt, BSE, Fast Select	97%	97%	97%	97%	
Fast Select Request Pack, BSE, Fast Select	97%	97%	97%	97%	
Flexible ANI, BSE, Flex ANI	100%	100%	100%	100%	
Hot Line, CNS, Hot Line	97%	97%	97%	97%	
Hunt Groups Packet, BSE, Packet Hunt Groups	97%	97%	97%	97%	
Make Busy Key, BSE, Remote Make Busy	67%	73%	73%	72%	
Make Busy Key, BSE, Remote Mk Busy - Trk Side	67%	73%	73%	72%	
Menu Server, B/C, Menu Server	97%	97%	97%	97%	
MLHG Access to Each Port, BSE, Nonhunting Nmbr Arrange	100%	100%	100%	100%	
MLHG CO Announcements, BSE, Recorded Announcements	97%	97%	97%	97%	
MLHG UCD Line Hunting, BSE, Unif Call Dist Arrange	67%	73%	73%	72%	
MLHG UCD With Queing, BSE, Queing	67%	73%	73%	72%	
Multiline Hunt Group, BSE, Multiline Hunt Group	100%	100%	100%	100%	
Multiplexing-Digital, BSE, Multiplexing	100%	100%	100%	100%	
MWI - Packet Access, BSE, Customer Alerting	97%	97%	97%	97%	
MWI ATR Audible Msg Wtg, CNS, Cust Alrting Enablement	97%	97%	97%	97%	
Network Reconfiguration, BSE, Network Reconfiguration	100%	100%	100%	100%	
Preselect for Data Svcs, CNS, RPOA Preselection	97%	97%	97%	97%	
Reverse Chg Accept Pkt, BSE, Reverse Chrg Acceptance	97%	97%	97%	97%	
Route Diversity, BSE, Diversity	100%	100%	100%	100%	
Secondary Ch Capability, BSE, Secondary Ch Capability	100%	100%	100%	100%	
Selective Call Forward'g, CNS, Selective Call Fwding	97%	97%	97%	97%	
Selective Call Rejection, CNS, Call Blocker*	97%	97%	97%	97%	
Speed Calling, CNS, Speed Calling	97%	97%	97%	97%	
Third Numb Bill Inhib, CNS, Billed Number Screening	97%	97%	97%	97%	
Warm Line, CNS, Warm Line	30%	25%	24%	25%	

GENERIC/REGIONAL NAME OF ONA SERVICES	Actual %	Projected % Access Lines			
	Dec-01	Dec-02	Dec-03	Dec-04	
Acc to Clr Ch Transmission, BSE, Clr Chan Cap (1.544 Mbps)	100%	100%	100%	100%	
Alternate Routing, BSE, Alt Traffic Routing	100%	100%	100%	100%	
Automatic Call back, CNS, Call Cue*	100%	100%	100%	100%	
Automatic Cllback (ISDN), CNS, Auto Callback on Busy	96%	89%	89%	89%	
Automatic Protect Switching, BSE, Automatic Loop Transfer	100%	100%	100%	100%	
Automatic Recall, CNS, Call Return*	100%	100%	100%	100%	
Bridging, BSE, Bridging	100%	100%	100%	100%	
C1 TypA - Ckt Sw Line, BSA, Cond'ing On Swtchd Lines	100%	100%	100%	100%	
C1 TypA - Ckt Sw Line, BSA, Directionality	100%	100%	100%	100%	
C1 TypB - Ckt Sw Trunk, BSA, Answer Supv'n Trunk Side	100%	100%	100%	100%	
C1 TypB - Ckt Sw Trunk, BSA, DID W/fast Signaling	100%	100%	100%	100%	
C1 TypB - Ckt Sw Trunk, BSA, Directionality	100%	100%	100%	100%	
C1 TypB - Ckt Sw Trunk, BSA, Rev Chrg On LMS Clls	100%	100%	100%	100%	
C1 TypB - Ckt Sw Trunk, BSA, Signaling	100%	100%	100%	100%	
C1 TypB - Ckt Sw Trunk, BSA, Trk-side Acc W/4wire Int	100%	100%	100%	100%	
C1 TypB - Ckt Sw Trunk, BSA, Trunk Side Access	100%	100%	100%	100%	
C2 TypA - X.25 Pkt Sw, BSA, Error Detect'n/Correct'n	100%	100%	100%	100%	
C2 TypA - X.25 Pkt Sw, BSA, Pkt Ntwk Acc of Mul DNICS	100%	100%	100%	100%	
C2 TypA - X.25 Pkt Sw, BSA, Pkt X.25 Int'face Proto	100%	100%	100%	100%	
C2 TypA - X.25 Pkt Sw, BSA, Stat Mux At CO	100%	100%	100%	100%	
C2 TypA - X.25 Pkt Sw, BSA, Virtual Dial Tone	100%	100%	100%	100%	
C2 TypB - X.75 Pkt Sw, BSA, Error Detect'n/Correct'n	100%	100%	100%	100%	
C2 TypB - X.75 Pkt Sw, BSA, Pkt Ntwk Acc of Mul DNICS	100%	100%	100%	100%	
C2 TypB - X.75 Pkt Sw, BSA, Pkt Sw X.75 Int'face Proto	100%	100%	100%	100%	
C2 TypB - X.75 Pkt Sw, BSA, Stat Mux At CO	100%	100%	100%	100%	
C2 TypB - X.75 Pkt Sw, BSA, Virtual Dial Tone	100%	100%	100%	100%	
C3 TypC - Ded Voice Grd, BSA, Inband Signaling	100%	100%	100%	100%	
C3 TypC - Ded Voice Grd, BSA, Term Sets & Inband Sgling	100%	100%	100%	100%	
C3 TypE - Ded Video, BSA, B'db'd Lk Fr Video Trans	100%	100%	100%	100%	
C3 TypF - Ded < 64kbps, BSA, DDS - Dgtl Private Lines	100%	100%	100%	100%	
C3 TypF - Ded < 64kbps, BSA, Error Detect'n/Correct'n	100%	100%	100%	100%	
C3 TypF - Ded < 64kbps, BSA, Transmission Rates	100%	100%	100%	100%	
C3 TypH - Ded > 1.544Mbps, BSA, B'db'd Lk Fr Video Trans	100%	100%	100%	100%	
Call Det Recd'g Rpts Pkt, BSA, Reports	100%	100%	100%	100%	
Call Detail Recrd'g Rpts, AN, Recording Service	100%	100%	100%	100%	
Call Redirection Packet, BSE, Packet Call Redirection	100%	100%	100%	100%	
Call Waiting Cancel, CNS, Call Waiting Cancel	100%	100%	100%	100%	
CF Mult Sim Call Intersw, CNS, Simul Call Fwding	100%	100%	100%	100%	
CF Var Remote Act/Cntrol, CNS, Remte Act Cll Fwding Var	100%	100%	100%	100%	
CF Variable, CNS, Call Fwding	100%	100%	100%	100%	
CFBL Interswitch, CNS, Call Fwding Busy Line	100%	100%	100%	100%	
CFBL Intrswitch, CNS, Call Fwding Busy Line	100%	100%	100%	100%	
CFDA Interswitch, CNS, Call Fwding Don't Ans	100%	100%	100%	100%	
CFDA Intrswitch, CNS, Call Fwding Don't Ans	100%	100%	100%	100%	
CFDA W/Var Ring Counts, CNS, CFDA W/Var Ring Counts	100%	100%	100%	100%	
Clld DN Deliv via 900NXX, BSA, Sw Acc FG D	100%	100%	100%	100%	
Cllg Bllg Num Deliv FG D, BSE, Automatic Number Ident	100%	100%	100%	100%	
Cllg DN Deliv via ICLID, CNS, Caller ID	100%	100%	100%	100%	
Closed User Groups Pkt, BSE, Ristricted User Group	100%	100%	100%	100%	
Coin Phone PT Dlg DTMF Cap, CNS, Post Dling Cap (Public)	100%	100%	100%	100%	